

<p style="text-align: center;"><b>Department of Ecology Water Quality Program Central Regional Office Engineering Review Comments</b></p>	
<b>Name of Owner</b>	Ste Michelle Wine Estates
<b>Project Name</b>	Columbia Crest Winery Pond 3 Replacement
<b>Name of Document Reviewed</b>	Pond 3 Upgrades – Pond Liner Engineering Report
<b>Date of Review</b>	3/7/2025
<b>Reviewer</b>	2/26/2025 Will Moseley and Bala Ramaya, PE (Ecology-SWRO) and 3/7/2025 Matthew Durkee, LHG and Alex Barnes (Ecology-CRO)

<b>Comment Number</b>	<b>Section /Page Number</b>	<b>Comment</b>
1	Section 1.1	Remove word “Temporary”, full permit was effective Jan. 1 after the submittal of this report in December. CRO.
2	General	Reminder to submit complete plans and specifications in accordance to WAC 173-240-140 before construction. SWRO.
3	General	Please provide the quantity of process wastewater discharged to the existing ponds and approximate quantity of process wastewater lost to evaporation. SWRO. WAC 173-240-130(c)(iv)
4	Section 1.3	Treatment process and operation are discussed in section 1.3 – Existing Process Wastewater System, but no flow diagram is presented. Please provide a flow diagram. SWRO. WAC 173-240-130(g)
5	General	Please provide a location map such as google maps of the site and a site plan sketch. SWRO. WAC 173-240-130(h)
6	General	Please discuss how the upgrade of the pond affects the groundwater below. SWRO. WAC 173-240-130(p)(iii)

7	Section 2.1	Please provide the new lagoon capacity volumes and calculations. This should include both the total capacity and capacity with the 2 feet of freeboard excluded. The report discusses the existing lagoon volumes, although the new volumes don't appear to be provided. Also, document if the capacity is below the 10-acre feet Dam Safety threshold. CRO. WAC 173-240-130(e)
8	Section 2.1	Section 2.1 Pond Excavation and Preparation states that "solids will be disposed of on site, within a 1-mile radius of the pond". Please provide additional clarification on where and how the solids will be disposed of, and any planned characterization of the solids. SWRO. WAC 173-240-130(r)
9	General	Please discuss who will own, operate, and maintain the system after construction if there are any changes. SWRO. WAC 173-240-130(s)
10	General	Please provide a statement for water quality management related to the site. SWRO. WAC 173-240-130(t)
11	General	Please provide provisions for any future plans if any. SWRO. WAC 173-240-130(u)
12	General	Please provide a preliminary schedule for final design and construction. SWRO. WAC 173-240-130(w)
13	Section 2.2.1	<p>Statement about the seam apparatus will now be accepted if the secondary test fails doesn't make sense.</p> <p>Also, the last sentence missing a period. CRO</p> <p>"If the primary test fails, a secondary test will be conducted. If the secondary test fails, the seam apparatus will now be accepted or used for seaming until two passing tests are achieved. Passing test results will be recorded by the installation team and maintained in a test weld report form"</p>